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EUROPEAN PATENT APPLICATION

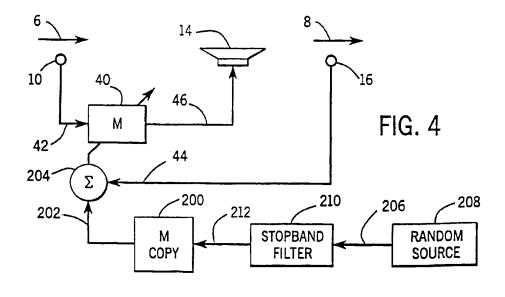
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- (54) Active adaptive control system with spectral leak
- (57) An active adaptive control system introduces a control signal from an output transducer (14) to combine with the system input signal (6) and yield a system output signal (8). An adaptive filter model (40) has an output (46) supplying a correction signal to the output transducer to introduce the control signal. The model has a first error input (44, 232, 248) driven by an error signal from an error transducer (16) to drive the correction signal.

nal toward a value matching the system input signal to modify and/or cancel same. The model has a second error input (202, 224, 240, 268, 280) selectively driven by a spectral leak signal (212) to drive the correction signal away from such matching value by driving the correction signal towards zero, to selectively constrain performance of the model in response to a given condition of a given parameter.





EUROPEAN SEARCH REPORT

Application Number EP 94 30 9209

Category	Citation of document with of relevant pa	ndication, where appropriate, essages	Relevant to claim	CLASSIFICATION OF THI APPLICATION (Int.CL6)
4	WO 93 15501 A (ACT) TECH) 5 August 1993 * page 12, line 9	VE NOISE & VIBRATION line 22 *	1	H03H21/00 G10K11/178
D,A	US 4 677 676 A (ERI 1987	KSSON LARRY J) 30 June - column 17, line 62;	1,10	TECHNICAL FIELDS SEARCHED (Int.Cl.6) G10K H03H
	The present search report has be	en drawn up for all claims Date of completion of the search		Eximises
•	THE HAGUE	28 February 1997	D/L	PINTA BALLE, L
X : partie Y : partie	ATEGORY OF CITED DOCUMEN milesty relevant if taken alone milesty relevant if combined with anot ment of the same category	TS T: theory or principle E: earlier patent door	e underlying the i ument, but publis te the application	is vestino

- A : technological backgrou O : non-written disclosure P : intermediate document

- # : member of the same patent family, corresponding document